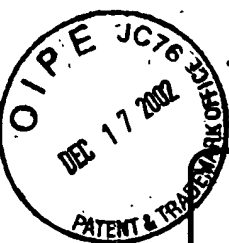


#18/CPA Bentley 1/9/03



PTO/SB/29 (10-00)  
Approved for use through 10/31/2002. OMB 0651-0032  
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# CONTINUED PROSECUTION APPLICATION (CPA) REQUEST TRANSMITTAL

Submit an original, and a duplicate for fee processing.  
(Only for Continuation or Divisional applications under 37 CFR 1.53(d))

CHECK BOX, if applicable:  
☐ DUPLICATE

Address to:  Assistant Commissioner for Patents Box CPA Washington, DC 20231	Attorney Docket No. of Prior Application	ITW-12287
	First Named Inventor	Hare, John Thomas
	Examiner Name	Behrend, Harvey
	Group Art Unit	3641
	Express Mail Label No.	

This is a request for a ☐ continuation or ☒ divisional application under 37 CFR 1.53(d),  
(continued prosecution application (CPA)) of prior application number 08 / 793,416,  
filed on 10/23/97, entitled Moulded Radiation Shield

## NOTES

**FILING QUALIFICATIONS:** The prior application identified above must be a nonprovisional application that is either: (1) complete as defined by 37 CFR 1.51(b), or (2) the national stage of an international application in compliance with 35 U.S.C. 371. Effective May 29, 2000, a CPA may only be filed in a utility or a plant application if the prior nonprovisional application was filed before May 29, 2000. A CPA may be filed in a design application regardless of the filing date of the prior application. See "Request for Continued Examination Practice changes to and Provisional Application Practice," Final Rule, 65 Fed. Reg. 50092 (Aug. 16, 2000); Interim Rule, 65 Fed. Reg. 14865 (Mar. 20, 2000), 1233 Off. Gaz. Pat. Office (Apr. 11, 2000).

**C-I-P NOT PERMITTED:** A continuation-in-part application cannot be filed as a CPA under 37 CFR 1.53(d), but must be filed under 37 CFR 1.53(b).

**EXPRESS ABANDONMENT OF PRIOR APPLICATION:** The filing of this CPA is a request to expressly abandon the prior application as of the filing date of the request for a CPA. 37 CFR 1.53(b) must be used to file a continuation, divisional, or continuation-in-part of an application that is not to be abandoned.

**ACCESS TO PRIOR APPLICATION:** The filing of this CPA will be construed to include a waiver of confidentiality by the applicant under 35 U.S.C. 122 to the extent that any member of the public who is entitled under the provisions of 37 CFR 1.14 to access to, copies of, or information concerning, the prior application may be given similar access to, copies of, or similar information concerning, the other application or applications in the file jacket.

**35 U.S.C. 120 STATEMENT:** In a CPA, no reference to the prior application is needed in the first sentence of the specification and none should be submitted. If a sentence referencing the prior application is submitted, it will not be entered. A request for a CPA is the specific reference required by 35 U.S.C. 120 and to every application assigned the application number identified in such request, 37 CFR 1.78(a).

**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

- ☐ Enter the unentered amendment previously filed on \_\_\_\_\_ under 37 CFR 1.116 in the prior nonprovisional application.
- ☒ A preliminary amendment is enclosed.
- This application is filed by fewer than all the inventors named in the prior application, 37 CFR 1.53(d)(4).
  - ☐ DELETE the following inventor(s) named in the prior nonprovisional application:  
.....
  - ☐ The inventor(s) to be deleted are set forth on a separate sheet attached hereto.
- ☐ A new power of attorney or authorization of agent (PTO/SB/81) is enclosed.
- Information Disclosure Statement (IDS) is enclosed:
  - ☐ PTO-1449
  - ☐ Copies of IDS Citations

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GROUP 3600

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box CPA, Washington, DC 20231.

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CLAIMS	(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) CALCULATIONS
TOTAL CLAIMS (37 CFR 1.16(c) or (j))	8	-20* =		x \$ _____ =	\$
INDEPENDENT CLAIMS (37 CFR 1.16(b) or (i))	1	-3** =		x \$ _____ =	
MULTIPLE DEPENDENT CLAIMS (if applicable) (37 CFR 1.16(d))				+ \$ _____ =	
				BASIC FEE (37 CFR 1.16)	740.00
				Total of above Calculations =	
Reduction by 50% for filing by small entity (Note 37 CFR 1.27).					
* Reissue claims in excess of 20 and over original patent. ** Reissue independent claims over original patent.					TOTAL = 740.00

6. ☐ Small entity status: Applicant claims small entity status. See 37 CFR 1.27.
7. The Commissioner is hereby authorized to credit overpayments or charge the following fees to Deposit Account No. 01 - 2221:
- a. ☒ Fees required under 37 CFR 1.16.
- b. ☒ Fees required under 37 CFR 1.17.
- c. ☐ Fees required under 37 CFR 1.18.
8. ☒ A check in the amount of \$ 740.00 is enclosed.
9. ☐ Payment by credit card. Form PTO-2038 is attached.
10. ☐ Applicant requests suspension of action under 37 CFR 1.103(b) for a period of \_\_\_\_\_ months (not to exceed 3 months) and the fee under 37 CFR 1.17(i) is enclosed.
11. ☐ New Attorney Docket Number, if desired \_\_\_\_\_  
[Prior application Attorney Docket Number will carryover to this CPA unless a new Attorney Docket Number has been provided herein.]
12. a. ☐ Receipt For Facsimile Transmitted CPA (PTO/SB/29A)
- b. ☐ Return Receipt Postcard (Should be specifically itemized, See MPEP 503)
13. ☐ Other: \_\_\_\_\_

**NOTE:**

The prior application's correspondence address will carry over to this CPA  
UNLESS a new correspondence address is provided below.

**14. NEW CORRESPONDENCE ADDRESS**☒ Customer Number or Bar Code Labelor ☐ New correspondence address below

(Insert Customer No. or Attach bar code label here)

PATENT, TRADEMARK OFFICE					
Name					
Address					
City	State	Zip Code			
Country	Telephone	Fax			

**15. SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED**

Name (Print /Type)	Howard N. Flaxman
Signature	
Registration No. (Attorney/Agent)	34,595
Date	12/17/02



#19/198/198  
Behrend  
1/9/03

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: John Thomas Hare et al.

Group Art Unit:3641

Serial No.: 08/793,416

Examiner: Behrend

Filed : 10/23/1997

Title : MOULDED RADIATION SHIELD

PRELIMINARY AMENDMENT

Commissioner of Patents  
and Trademarks  
Box Non-Fee Amendment  
Washington, D.C. 20231

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**GROUP 3600**

Sir:

Prior to Examination of the above referenced application based upon the Continued  
Prosecution Application filed herewith, kindly amend the present application as follows:

IN THE CLAIMS:

✓  
Cancel claims 1-8 and add new claims 20-38 as follows:

- 
- 21
- 20. A moulded shield for a source of  $\gamma$ -rays, comprising:
- a shield body having a cavity shaped and dimensioned to receive the source;
  - the shield body including a core layer of cured liquid silicone resin loaded with particulate  $\gamma$  radiation-shielding material adapted to surround a radiation source located in the cavity, the core layer being located between two outer layers of solid polymeric material.